



**Supplementary figure S4:** Neighbour joining tree showing the evolutionary relationships of the genomes of CBS7957 and CLIB382 (a mosaic genome with a major contribution from the wine yeast genome) and of 77 other strains available in database. Wine strains are coloured in green, sake and Asian strains in dark blue, oak strains in blue-green, bread and beer strains in orange, laboratory strains in red, and African strains in brown. Arrows show the strains CLIB382 and CBS7957. The tree has been calculated with the snphlyo pipeline from a subset of 34810 SNPs (obtained after pruning for a minimum spacing of 100bp) from a 313972 SNP data set obtained from the genome alignment comparison